

# REMS Ex-Press 22 V ACC

Cordless pipe expander 20 kN with automatic return

Compact, handy cordless tool with automatic return for fast, easy expansion of pipes/rings. Li-Ion 22 V Technology. For cordless and mains operation.

## Expander Cu

for holding the REMS Cu expander heads and suitable expander heads of other makes for:

Soft copper pipes,  $s \leq 1.5 \text{ mm}$   $\varnothing 8 - 42 \text{ mm}$   
 $\varnothing \frac{3}{8} - 1\frac{3}{4}''$

Soft aluminium pipes,  
soft precision steel pipes,  $s \leq 1.2 \text{ mm}$   $\varnothing 8 - 42 \text{ mm}$   
 $\varnothing \frac{3}{8} - 1\frac{3}{4}''$

Soft stainless steel pipes,  $s \leq 1 \text{ mm}$   $\varnothing 8 - 42 \text{ mm}$   
 $\varnothing \frac{3}{8} - 1\frac{3}{4}''$

## Expander P

for holding the REMS P expander heads and suitable expander heads of other makes for:

Plastic tubes, composite tubes  $\varnothing 12 - 40 \text{ mm}$

## Expander P-CEF

for holding the REMS P-CEF expander heads and suitable expander heads of other makes for:

Cold Expansion Fittings made of plastic (P-CEF)  
 $\varnothing 16 - 40 \text{ mm}$   
 $\varnothing \frac{1}{2} - 1\frac{1}{2}''$   
 $s \leq 4.95 \text{ mm}$

**REMS Ex-Press 22 V ACC – fast, easy electric expanding up to  $\varnothing 42 \text{ mm}$ . With automatic return. Conical expanding mandrel for even centric expanding. E.g. REMS Ex-Press Cu 22 V ACC with Li-Ion 22 V, 2.5 Ah, 54 Wh battery for approx. 600 expansions of soft copper pipe  $15 \times 1 \text{ mm}$  with one battery charge\*.**

## System advantage

Only **one** drive unit, optionally with **expander Cu** for holding the REMS Cu expander heads and suitable expander heads of other makes, **expander P** for holding the REMS P expander heads and suitable expander heads of other makes, **expander P-CEF** for holding the REMS P-CEF expander heads and suitable expander heads of other makes.

## Expander heads for all common systems

Quick-change, without tools. Also for other suitable makes of expander tongs.

**REMS expander heads Cu** (page 272) with extra long segments provide an extra long muff for a perfect pipe joint in accordance with DVGW. Collar on the expander head for calibrating unround pipe ends.

**REMS expander heads P** (page 277) are system-specific and correspond to the requirements of the respective compression sleeve systems. Therefore, perfectly system-conformant, exact expanding.

**REMS expander heads P-CEF** (page 277) are system-specific and correspond to the requirements of the respective systems. Automatic, gradual expansion until reaching the given end position which is determined by the expander head.

## Design

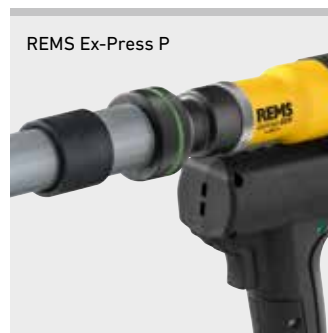
Ultra light, ultra small, ultra handy. Drive unit with battery pack weighs only 2.7 kg. Drive unit with expander only 26 cm long. Can therefore be used anywhere, free hand, over head, also in very confined spaces. Optimum weight distribution for one-hand operation. Ergonomically designed housing. LED work light for illuminating the work place. Expanding mandrel of the Cu and P expanders with conical angle  $18^\circ$ , expanding mandrel of the P-CEF expander with conical angle  $20^\circ$ , or even centric expanding. Long mandrel guide, spring-loaded mandrel recoil. Also for other suitable makes of expander heads.

## Drive

High expanding force for perfect, split-second expanding. Thrust force 20 kN. Powerful electro-hydraulic drive with automatic return (ACC), with powerful battery motor 22 V, 380 W output, robust planetary gear, eccentric reciprocating pump and compact high power hydraulic system. Safety switch.



REMS Ex-Press Cu



REMS Ex-Press P



REMS Ex-Press P-CEF

German Quality Product



## Battery or mains operation

REMS Li-Ion 22 V Technology, see page 20–25. Highly resistant Li-Ion 22 V battery with 2.5, 4.4, 5.0 or 9.0 Ah capacity, for long service life. Light and powerful.

**REMS Ex-Press Cu 22 V ACC** with Li-Ion 22 V, 2.5 Ah, 54 Wh battery for approx. 600 expansions, 4.4 Ah, 95 Wh for approx. 1050 expansions, 5.0 Ah, 108 Wh for approx. 1200 expansions, 9.0 Ah, 194 Wh for approx. 2160 expansions of soft copper pipe  $15 \times 1 \text{ mm}$  with one battery charge\*.

**REMS Ex-Press P 22 V ACC** with Li-Ion 22 V, 2.5 Ah, 54 Wh battery for approx. 750 expansions, 4.4 Ah, 95 Wh for approx. 1320 expansions, 5.0 Ah, 108 Wh for approx. 1500 expansions, 9.0 Ah, 194 Wh for approx. 2700 expansions of REHAU RAUTITAN flex  $\varnothing 16 \times 2.2 \text{ mm}$  with one battery charge\*.

**REMS Ex-Press P-CEF 22 V ACC** with Li-Ion 22 V, 2.5 Ah, 54 Wh battery for approx. 200 expansions, 4.4 Ah, 95 Wh for approx. 360 expansions, 5.0 Ah, 108 Wh for approx. 410 expansions, 9.0 Ah, 194 Wh for approx. 740 expansions of Uponor Quick & Easy  $\varnothing 16 \times 1.8$  with one battery charge\*.

Graduated charging status check by coloured LEDs. Operating temperature range  $-10$  to  $+60^\circ\text{C}$ . No memory effect for maximum battery power. Rapid charger 100–240 V, 90 W, 22 V or 290 W, 22 V, for shorter charging times, as accessory. Voltage supply 220–240 V, 22 V, 15 A output, for mains operation instead of Li-Ion battery 22 V, as accessory.

## Supply format

**REMS Ex-Press Cu 22V ACC.** Cordless pipe expander 20 kN for fast expanding of copper pipes Ø 8–42 mm. Electro-hydraulic drive with automatic return, with powerful 22V, 380W battery motor, robust planetary gear, eccentric reciprocating pump and compact high power hydraulic system, safety switch. LED work light. Cu expander for holding the REMS Cu expander heads and suitable expander heads of other makes. Without expander heads. In L-Boxx system case.

Description	Version	Art.-No.	€
<b>Basic-Pack\IP</b>	without battery, without rapid charger	575029R22	<b>1.190,00</b>
<b>Basic-Pack</b>	with battery Li-Ion 22V, 2.5 Ah, 54Wh, rapid charger 220–240V, 50–60 Hz, 70W, 22V	575030R220	<b>1.585,00</b>

Other voltages on request.

## Supply format

**REMS Ex-Press P 22V ACC.** Cordless pipe expander 20 kN for fast expanding of plastic and composite tubes Ø 12–40 mm. Electro-hydraulic drive with automatic return, with powerful 22V, 380W battery motor, robust planetary gear, eccentric reciprocating pump and compact high power hydraulic system, safety switch. LED work light. P expander for holding the REMS P expander heads and suitable expander heads of other makes. Without expander heads. In L-Boxx system case.

Description	Version	Art.-No.	€
<b>Basic-Pack\IP</b>	without battery, without rapid charger	575031R22	<b>1.190,00</b>
<b>Basic-Pack</b>	with battery Li-Ion 22V, 2.5 Ah, 54Wh, rapid charger 220–240V, 50–60 Hz, 70W, 22V	575032R220	<b>1.585,00</b>

Other voltages on request.

## Supply format

**REMS Ex-Press P-CEF 22V ACC.** Cordless pipe expander 20 kN for fast expanding of plastic tubes Ø 16–40 mm. Electro-hydraulic drive with automatic return, with powerful 22V, 380W battery motor, robust planetary gear, eccentric reciprocating pump and compact high power hydraulic system, safety switch. LED work light. P-CEF expander for holding the REMS P-CEF expander heads and suitable expander heads of other makes. Without expander heads. In L-Boxx system case.

Description	Version	Art.-No.	€
<b>Basic-Pack\IP</b>	without battery, without rapid charger	575033R22	<b>1.190,00</b>
<b>Basic-Pack</b>	with battery Li-Ion 22V, 2.5 Ah, 54Wh, rapid charger 220–240V, 50–60 Hz, 70W, 22V	575034R220	<b>1.585,00</b>

Other voltages on request.



e.g.  
aquatherm,  
General Fittings,  
IVT,  
REHAU,  
REVEL,  
Seppelfricke,  
TECE,  
TIEMME,  
Würth

e.g.  
Brass & Fittings,  
Uponor

## Accessories

Description	Art.-No.	€
<b>Ex-Press 22V ACC drive unit</b> , without expander, without battery	575010R22	<b>1.120,00</b>
<b>Expander Cu</b> for holding the REMS Cu expander heads and suitable expander heads of other makes for: Conical angle 18°.	575252R	<b>80,00</b>
<b>Expander heads Cu</b> see page 272		
<b>Expander P</b> for holding the REMS P expander heads and suitable expander heads of other makes for: Conical angle 18°.	575253R	<b>80,00</b>
<b>Expander heads P</b> see page 277.		
<b>Expander P-CEF</b> for holding the REMS P-CEF expander heads and suitable expander heads of other makes for: Conical angle 20°.	575256R	<b>80,00</b>
<b>Expander heads P-CEF</b> see page 277.		
<b>Expander tongs Ex-Press P-CEF</b> (conical angle 20°), for accommodating the expander heads P-CEF 16–40 mm, ½–1½"	150515R	<b>212,00</b>
<b>Power-Pack 22V 2.5 Ah + 2.5 Ah + 90 W, 108 Wh</b> , consisting of 2 batteries Li-Ion 22V, 2.5 Ah, 54 Wh, rapid charger 100–240V, 50–60 Hz, 90 W, 22V	571590R220	<b>657,00</b>
<b>Battery Li-Ion 22V, 2.5 Ah, 54 Wh</b>	571571R22	<b>229,00</b>
<b>For other batteries Li-Ion 22V/Power-Packs 22V</b> see page 20–25.		
<b>Rapid charger 100–240V, 50–60 Hz, 90W, 22V</b>	571585R220	<b>199,00</b>
<b>Rapid charger 100–240V, 50–60 Hz, 290W, 22V</b>	571587R220	<b>429,00</b>
<b>Voltage supply 220–240V, 50–60 Hz, 350W, 22V, 15A</b> , for mains operation instead of battery Li-Ion 22V.	571567R220	<b>429,00</b>
<b>L-Boxx system case</b> with inserts	573270R	<b>149,00</b>
<b>REMS Lumen 2800 22V</b> , cordless LED flood light, see page 119		

